



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the Patent Application of: )  
CAIN ET AL. )  
Serial No. 10/658,021 )  
Filing Date: SEPTEMBER 9, 2003 )  
For: MOBILE AD HOC NETWORK (MANET) )  
PROVIDING QUALITY-OF-SERVICE )  
(QOS)BASED UNICAST AND MULTI- )  
CAST FEATURES )

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PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Before examination of the patent application on the merits, please amend the above-identified application as follows: